PARA-II Section-II Section-II Q NO 8 Q NO 8 Length of a rectangular room is belief of the daysoom is 15 ft what are the room's dimension; Griven: Length of a room = 15 ft Width of a room = 60% of its length To find: Dimension of room: Solution: Width = W = 60% Find The dimension of room: (a) A rea: Prea = A = Length x width A = 1 X W A = 135 ft P = 2 (Length x width) P = 570 ft Aus		
Section - IT Q NO 8 (a) The width of a rectangular room is 60% of its leaght. If the length of the classroom is 15 ft. What one The coom's dimension? Griven: Length of a room = 15 ft. Width of a room = 60% of its length. To find: Dimension of room. Solution: Width = w = 60% of its length. Find The dimension of room. (a) A sea: A = 135 ft. (b) Perimeter: P = 2 (Length x width) - 2 (155) P = 570 ft.		Date:
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Q No 8 (a) The width of a rectangular room is 50% the classroom is 15 ft. What one The coom's dimension? Griven: Length of a room = 15 ft. Width of a room = 60% of its length To find: Dimension of room. Solution: Width = w = 60% of its length Find The dimension of room. (a) A rea: Area = A = Length & moth A = 18 W A = 135 ft? (b) Perimeter: P = 2 (Length & width) - 2 (155) P = 570 ft?		
(a) The width of a rectangular room is 60% of its length. If the length of the dayroom is 15ft. what are the rooms dimension? Griven: Length of a room = 15ft. Width of a room = 60% of its length. To find: Dimension of room. Solution: Width = W = 60% of the Book x 15 1000 Find The dimension of room. (a) Area: A = 135ft. (b) Perimeter: P = 2 (Length x width) = 3 (155) P = 570ft.		Section - II
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Length of a room = 15ft Width of a room = 60% of its length To find: Dimension of room. Solution: Width = W = 60% of 1 Box / x 15 1000 = xxi W = 9ft Find The dimension of room. (1) A sea: A = 1 x W A = 1 x x 9 A = 135ft (2) Perimeter: P = 2 (Length x width) P = 270ft		What are the room's dimension?
Width of a noom = 60% of its length To find: Dimension of room. Solution: Width = W = 60% x 15 1000 Width = W = 60% x 15 Area: Prea = A = Length x width A = 1x W A = 135 ft ² (2) Perimeter: P = 2 (Length x width) P = 270 ft ²		
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Dimention of room. Solution: Width = W = 607. #= 600 = 5 x 15 100 Find The dimension of room. (1) A rea: Preq = A = Verythx width A = 1 x W A = 135 ft? (2) Perimeter: P = 2 (Length x width) - 2 (135) P = 570 ft?		Width of a room = 60% of its leight
Solution: Width = W = 607. 45 1600 = 1 x 3 W = 9 ft. Find The dimension of room. (1) A rea: A rea = A = Length x width A = 1 x w A = 135 ft. P = 2 (Length x width) P = 270 ft.		
Width = W = 60% \$ = 80000000000000000000000000000000000		
Find The dimension of room. (1) A rea: Prea = A = Venythx width A = 1x W A = 135 ft' (2) Perimeter: P = 2 (Length x width) = 3 (135) P = 270 ft'		
Deimeter: P=2 (Length x width) P=370H		Width = W = 601.
Find The dimension of room. (1) Area: Prea = A = Length x width A = 135 ft? (2) Perimeter: P = 2 (Length x width) P = 570 ft?		100 X X 18
Find The dimension of room. (1) Area: Prea = A = Length x width A = 135 ft ³ (2) Perimeter: P = 2 (Length x width) P = 570 ft ³		
Find The dimension of room. (1) Area: Prea = A = Length x width A = 135 ft ³ (2) Perimeter: P = 2 (Length x width) P = 570 ft ³		= 3 × 1
(1) Area: Prea = A = Lengtilx width A = 1x W A = 135 ft ³ (2) Perimeter: P = 2 (Length x width) P = 570 ft ³		
Preq = $A = 1$ english width $A = 1 \times W$ $A = 135 \text{ ft}^3$ (2) Perimeter: $P = 2 \left(\text{Lenglish x width}\right)$ $= 3 \left(135\right)$ $P = 370 \text{ ft}^3$		
A = 1 x w A = 13 x 9 A = 13 x ft ² (2) Perimeter: $P = 2 \left(\text{Length x width} \right)$ $= 3 \left(13 x \right)$ $P = 370 ft2$		
(2) Perimeter: P = 2 (Length x width) P = 570H		1-14eg = 11 = 1 englis to 12th
(2) Perimeter: P = 2 (Length x width) P = 570H		FI = 1 X W
(2) Perimeter: P = 2 (Length x width) P = 570H		0 12 5 0 12
P=2 (Lenght x width) P=370H		
P = 270H3		
P = 070H3 Ams		P=2 (Lenghi x Width)
P = 570H3 Ams		= 3 (13c)
Ans		P = 870H3
		Aws

		ngy of
Date	e:Day;	
b)	While at a dog park, Veena run 48ft east then turned and run	
	20ft north to reach the water station. If she would rum straight there from when she started, how far	
	Criven: -> Veena from a point going to	
	water station	
	To fild:	
	Doint towards qualer station	
	Solution: N Let 10 ft - 1 cm	
	3 - B	
	4.8cm A E	
	5	
	Put back 1 cm = 10 ft Using pythagors theorm:	
	= (48) ³ + (20) ³	
	= 2304 + 200	

Date: (Hy) = 2704 Taking undervool both side Veens has to move straight from stending point "0" towards water station "B" coving a distance c) In a class, the averge marks of 40 students was calculated to be 50.15. It was later discovered that the marks of a student were taken to be 49, instead of 85. Find the averge marks of the class. Criven: 4 Total NO. of students = 40 Avenge 1 -10 students: 52.15. Hanks taken to be 49 instead Find:

- The average = ? Solution: Actual marks = 85 Marks taken = 49 Difference | Exxor = 85-49 Now 36 are The marks taken

Day: ___ Date: less while finding the overage of 40 students. Now, divide the it on 40 (the total No. of students) to add it to its averge correct every 12-15+69=52-24 Porveil Averge = 52.24 d) 37 people like vegetable pizza and 25 people like chicken, 3 people like weither A person was vandonly asked about choice of pizza. Calculate what is the probability that person likes chicken pizza? Criven: People likes vegetable pizza = 37 People likes chicken pizza - 25 People like Neither ppins 3 Calculate: Probabilly 1 person likes chicken pizza? Solution: Formula to find proposity of an event = P P = NO- of event event in So ple Space

Date: _ Day: To find probabilty of people like chicken pizza = Pe Mathematically Pc = NO. 1 Deople like chicken pizza Total of No. of people Pc = 25 37+25+3 2881 65183 531-Pc = 0.33% Probabilly of food polion likes chicken pizza, when asked randomly 15 0.33.1. Q NO 6 b) A man order a pizza of small size, medium and larger sizes for 18 persons, One vice per person. Each rize contains different Number of slices and the ratio slice is 1 40 g and the pirce I smaller pizza is Rs 320 find the price and weight of total Dizza. Griven: L>3 pizzas of small, mediam and layerse L> No. of- person = 18

Day: Ly Total slices of pizza = 18 Ly Ratio of slices of pizzar= 2:3:4
Ly Weight of 1 slice = 4109
Ly Price of small pizza = 320 Rs To find: Lo weight of total pizza = W= ? 4) Price 1 Total pizza = PT = 7 Solution: 1, As the ratio 1 slices in 2:3:4 Sum 1 valia 2+3+4 Finding the slice in Smaller pizza: Slices in Ps = valio of slices in small pizza x T-Slice Sum of ratio Ps = 2 x 180 Now for Medium pizza: Slices in Pm = ratio of medium pizza x To Slices Sum pratio Pm= 3 x 180 Now for Large Pizzai Slices in Pr= ratio Laye Piza x 7 Slices P1 = 4 x 182 So we have 4, 6, 8 slices in small medium and large pizzas respellively

Date: _ _ As the price of Small pizza the price of a single Slice is Rs 80. Now The total price, TP of all As, 1 slice = Bors c) Diameter of a circle is 6 cm. Find the circum perence and

Date:	Day:
area of circle	
Criven:	
Diameter = di = 6	cm
To find:	
Circum ference:	= 7
A rea = ?	
Solution:	1.40.11
Ne diameter = d =	
As Diametu, d=	91
1 = d	
5	
Y = 6	
8=3cm	
Finding Circum Jerences C	
Circum Jerence, C	274
where T = 3.14	
C= 2 (3·14)	
C=18.24c	m
Finding Area, (=?	
$Area = a = \pi Y$	
a = (3.14) (3	
= 3.14x9	
q = 28.2/80	m ²
C	
So the circumference of 18.84 and, while a	The circle is
18.84 am, while a	ma is 28.86 cm2

1,500		
	Date: Day:	
	0 NO 6	*****
d)	I dentify the missing:	-
	13, 24, 46, 90, 178,	
	Solution:	
	24-13=11)x	
	10 24 = 22 x2	
	90-46= 44 178-90=88 Jx3 2	
	17612×3	
	Missing Number in the series & 176.	
iis	5 4 G II. 21	
(1)	5,6,9,14,21,	
	5,	
	621	
	92	
	2147 2147	
	2/29	
	24+9=30	
	So the missing number is 30.	
	PART-I	
	SECZION - I	
	2 NO 2	
a)	Briefly explain lipids what one some major types? What	
	one some major lypes? What	.1

are their functions? a living cello t xplainalio Structure: building block ally and, gly bilayer compound having hydrophobic, pointing outwork lassification: Types

Date: _ __ glycerol

		1 2 7 2 7 1 2
	Date: Day:	_ +
	O NO 2	
<u>c</u>)	What is hydrogen bonding?	4.
	What is hydrogen bonding? Give elaborating structure as	
1	examples:	
Ans	Hydrogen Bonding:	
	ntermolecular attractive force	
	connected with most electroregetive	
	atom of N, O and florence of	
	atom with the electronegative	
	atom & anothermolecule.	
	Explanation:	
	Hydrogen bonding	- 5
	is a type of strong dipole	13.55
	dipole forces, but less stronger	
	Then true covalent bonds. In	
10000	Hydrogen bond the forces are	
1000000	5º10 to 10% a collaboral	
	bond.	
	Forman Time	
	tormation:	
	positive atom of periodic table	
	atom form a covalent bound	gen
	with the seat of the	. toro
	(high tendency to account electron	utom
	like florine, oxygen and vilroge	1
	Then, The share pair of decl	ion
) 400	

Date: Day:	
is attracted more towards the	
electronegelive atom to a resul	
a partial positive charge appe	ars
on Hydrogen atom and a	
partial negative charge appears	
on the electronegative atom	1-
Now, This Hydrogen atom	
bearing partial positive change	
comes in various on	
electronegative alom like 0, f	
Or N having lone pair of elect	ton.
forms Hydrogen bond	
Example of Hydrogen bond in	
Water molecule:	
St	2 pair
H bone	1 pair
S+ > Cov	0.1
S+ Cov	aleut bond
H)	rogen
boi	rd.
Water molevale (H2O)	
In water molecule we have	
2 Hydrogen atom covalailly	
bonded with oxygen (electroneges	live
bonded with Oxygen (electroneger	
atominghe shared pair or bound	
pair of electron is attracted	
more towards skygen as a	(()
servet partial negative dange	(8-)
appears on oxygen and pare	CC
positive charge (8+) on hydrog	zu-
	11 25 11 11

when this unter molecule comes lose to another water molecule h Hydrogen alom slewle, result in Examples: a) NH3, Amonia = A Hydrogen boud also exist between NH3 molecules. bond also exist between the Nacleotides (Adinin, guranine, Thyime Cytosine) to hold the double helixe structure of DNIA. Adinine the is bonded to Thiamine where is Gurainene is boarded to Cytosine: 2 NO 2 d) Discuss the Nervous Lystem of human body? Answer: Nervous System: of complex network that sends menoger back and fourth in

Date: Day:
body. It sends or transmit
singles in the form of eletical single signales and chemical
called Nemotransmitters.
called Nemotransmitters.
Types:
The servous system has
two main types.
1) Central Nervous System. 2) Pherpharal Nervous System.
Therepland Neword Systems
Central Nervous Lyilem (CNG)
3t is
composed of brain and spine
in Mull and sipinal cord
is locatled in The ver center
1) vertabaal column.
Pheiphie Nervous System (PNS):
Coursed 1
Composed of: 1 Somatic PNS
a Autonomic PNS
Somalic PNS:
This igitem controls
the body (which we can
control). like moment, runing etc.
NAME AND DESCRIPTION OF THE PERSON OF THE PE

Date:
Autononic PNS:
This seystem
This regidem control all involvently activities
ie which we cannot covitable
like breathing head beat de.
Newous System
Central Pheripheral
Central Pheripheral Nervous System Nervous System
Brain Spinal Cord Pationomic PNS
Somatic PNS
Canadacilia
Composition: The Nerous System
is composed of banc units
called Nerve cell or Nemon.
the have 3 types of Nemon.
i Sensory Nemons
ii Motor Nemons
ni gater Newrong
Sensory Neurons:
It carry information
from sense oxycms to control
Newous nystem.
Motor Neurons:
It cany information
from Central Nervous system
to the body.
guternemons:
It form The central

	Date: Day:
	Nervous System and carry information. from notor to Servory and from Centory to motor.
	Diagram of Nemon:
	To mylen sheet The Axon
	(all body a
	Denditer Nucleus
	structure of Neuron
4.	Function of Nemon!
2)	Derdrites collecter server information and transper it to the cell body.
21	From the cell body it transper
	throughtout the length of
	axon to the terminal point Synaper
	in the form of electric signal.
The second second	Now, from one Neuron De
	dondriles of their premon in the
	Jorn chimical signel through
136	central chemicals called venotrammitter-
4	When it reaches to the dendrites
200 M 3 3 1 18	

other Nemon etween body The CNS canteur 1 billion Neuron- (Nallor institute). 0 NO 4 What is Hepatitis? Explain ite causes, symptoms and prevention. ANSWer: Hepalitis: condition in which toome become to vivses, backerial dions and Non injections much as duys, alcoholism other toxic chimicals and compranise its furtion. 1) Hepatitis: Mere Various Hepalitic These are: Hepatifis-A perent seventy level, mode

transmition and preventions Among Cis the most dangerous. These hepatitis can leads to even doub Appoximally 354 million people those without Pest are for behind by a report of WHO Symptoms: The symptoms of hepatitis Varys based on the Type speared to has a symptoms of General boidy pain, diaarher, nauses, vomiting, bever, lost of appetite, malaria, abdomiral discomport systems fall Hapalitis. Hepatitis B & C when get more sever leads to liver civosis and liver cancer. Hepatitis D wully coursed to people already regging from Hepatitis B and cause cirosis and leads to liver cancer

Date: Day:	
Causes:	
The Hapalitis A vivus (HAV) is	
most common in low and	
middle income courties it is	
usually spread because of unhygenic	
condition When people comes in	100
contact with food, water, waste	-
an injected person, view develops	
in them	100
The HBV and HCV are mostly speard	
by ving the blades, years, needles	-
of infected person le by blood.	
It can also be caused by	577
sexuel interviese with an injected	3 2
Decsono	16.4
Approximally 90-95% child have	
chance of these viaus from	
the mother dun birth	75
Ivealment:	
LYHAV can be treated by injected	
pre-vaccine	
1) For HCV, both in acute &	
chronic condition, antiviral medication	
are avalible like Entecavir,	
Ribaviran. 3 months course	
1) These Tablets ligedion help to	
treat HCV	
4951. 1 patient can be can be	333
secovered successfully (NIH)	
LyHBV can be prevented by	
viccines given et the fime	
The same of the	

Date: Day:	
of birth they can also prevent	
HBV from Levelpi - HBV	
antiviral dues available	
Solve maths portion step by step	
solution method.	
Focused on what is asked in the	,
question.	

